

WHAT IS CLAIMED IS:

1. A method of accessing a service via a mobile telephone network in which instructions are input by means of a mobile telephone and the instructions are transmitted
5 over a data channel of the mobile telephone network to a server, voice recognition means being suitable for interpreting the instructions, and the server being suitable for performing a task as a function of such interpretation, wherein a parameter relating to the
10 quality of transmission over the data channel of the network is measured, and wherein:
 - if the quality parameter is above a certain threshold, the telephone is put into a mode of operation in which it is capable of taking account of instructions
15 in voice form and of converting them into data for transmission to the server; and
 - in the event of the quality parameter being below the threshold, the telephone is put into a mode of operation in which instructions are input in graphics
20 form and the instructions are transmitted to the server.
2. A method according to claim 1, wherein, in order to measure a parameter relating to the quality of the network, a test message is sent, and after being received
25 it is compared with a reference message, and a data channel transmission quality parameter is deduced therefrom.
3. A method according to claim 2, wherein the
30 transmission quality parameter is determined as a function of the error rate in the received message relative to the reference message.
4. A method according to claim 2, wherein the
35 transmission parameter is determined as a function of jitter, latency, or binary error rate measured during data transmission over the data channel.

5. A method according to claim 1, wherein, in order to measure a parameter relating to network quality, a test message is sent and transmission time of the message is measured, with a data channel transmission quality parameter being deduced therefrom.

6. A method according to claim 4, wherein the measured message transmission time is the time between the message being sent and the message being received by the network.

7. A method according to claim 1, wherein, in order to measure a parameter relating to network quality, variations are detected in the quantity of data in an output buffer memory of the mobile telephone, and an occupation or congestion parameter for the data channel is deduced therefrom.

8. A method according to claim 1, wherein, in order to measure a parameter relating to the quality of the network, a test message is sent and for each data packet sent, the value is calculated of the checksum relating to the bits in the packet, this value being transmitted to the server together with the data packet, and when the server receives the test message, it calculates for each received data packet the value of the checksum for the bits of the packet, it compares the calculated value with the transmitted value, and it deduces therefrom a network transmission loss parameter.

9. A method according to claim 1, wherein information is displayed on the screen of the mobile telephone relating to the transmission quality of the data channel.

10. A method according to claim 9, wherein the information is presented on the screen in the form of a quality indicator.

11. A mobile telephone including means for receiving instructions in voice form and for converting them into data for transmission to a network, the telephone
5 including means for measuring a parameter relating to the quality of the data link of the mobile telephone network, and as a function of said parameter the mobile telephone is suitable for switching between one and the other of the modes of operation defined in claim 1.

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12. A mobile telephone according to claim 11, including means for generating a test message over the data channel of the mobile telephone network, and processor means for comparing a message which is returned thereto with a
15 reference message and for deducing therefrom a transmission error rate in the returned message.

13. A mobile telephone according to claim 12, including means for generating a test message over the data channel
20 of the mobile telephone network, and processor means for measuring a time interval between sending the test message and receiving a message which is returned thereto.

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14. A mobile telephone according to claim 11, including means for giving the user information relating to the measured quality of the data link.

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15. An access system for accessing services via a mobile telephone network, the system comprising a mobile telephone, a management server connected to the mobile telephone network, and voice recognition means, the mobile telephone including means for receiving instructions in voice form and for converting them into
35 data for transmission to the server over a data channel of the network, the voice recognition means being suitable for interpreting the instructions, and the

server being suitable for performing a task as a function of said interpretation, the system further comprising means for measuring a parameter relating to the quality of the data link of the mobile telephone network, and as
5 a function of this parameter, the telephone is suitable for passing between one and the other of the modes of operation defined in claim 1.

16. An access system according to claim 15, wherein the
10 means for measuring a parameter relating to the quality of the data link include means for generating a test message over the data channel of the mobile telephone network and means for receiving said test message,
together with processor means for comparing the received
15 message with a reference message and for deducing therefrom a transmission error rate in the received message.

17. An access system according to claim 15, wherein the
20 means for measuring a parameter relating to the quality of the data link include means for generating a test message over the data channel of the mobile telephone network and means for receiving the test message,
together with processor means for measuring a time
25 interval between the test message being sent and being received.